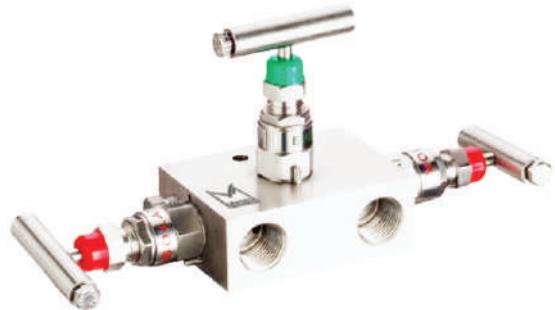


3Valve manifolds

Model: MD3V

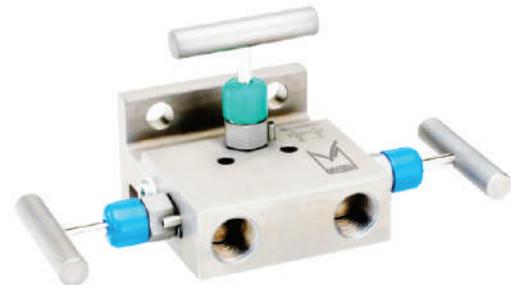
Applications

- Shut off and vent pressure measuring instruments
- For gaseous and liquid aggressive media that are not highly viscous or crystallising, also in aggressive environments
- Process industry: Chemical/petro chemical, power stations, food and beverage, offshore oil rigs, pulp and paper, environmental technology, machine building and general plant construction



Special features

- Helium leak test done for zero leakage
- PTFE or graphoil packing
- Working pressure 6000 psi and 10000 psi
- Working temperature 538°C (graphoil packing)
- Instrument flange mount and remote mount
- For mounting on differential pressure transmitters
- Consists of two isolation valves and one equalizing valve



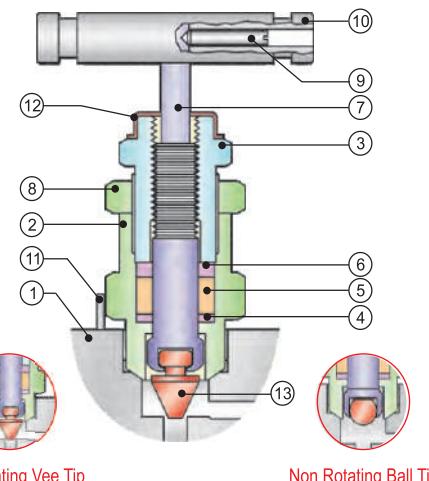
Description

■ body material	Stainless steel 304, Stainless steel 316L Hastelloy, Monel, Tantalum(option)
■ Trim material	Stainless steel 316L, Hastelloy, Monel PVC, PVDF, PP, Tantalum(option)
■ vent material	Stainless steel 316L, Hastelloy, Monel PVC, PVDF, PP, Tantalum,
■ Max. process pressure	6000 psi & 10000 psi
■ Process connection	1/4", 1/2", 3/4", 1", female NPT or BSP 1/2 male NPT or BSP, Flange type
■ Temperature	Max. Temperature PTFE 260°C (500°F) Max. Temperature Graphoil 538°C (1000°F)

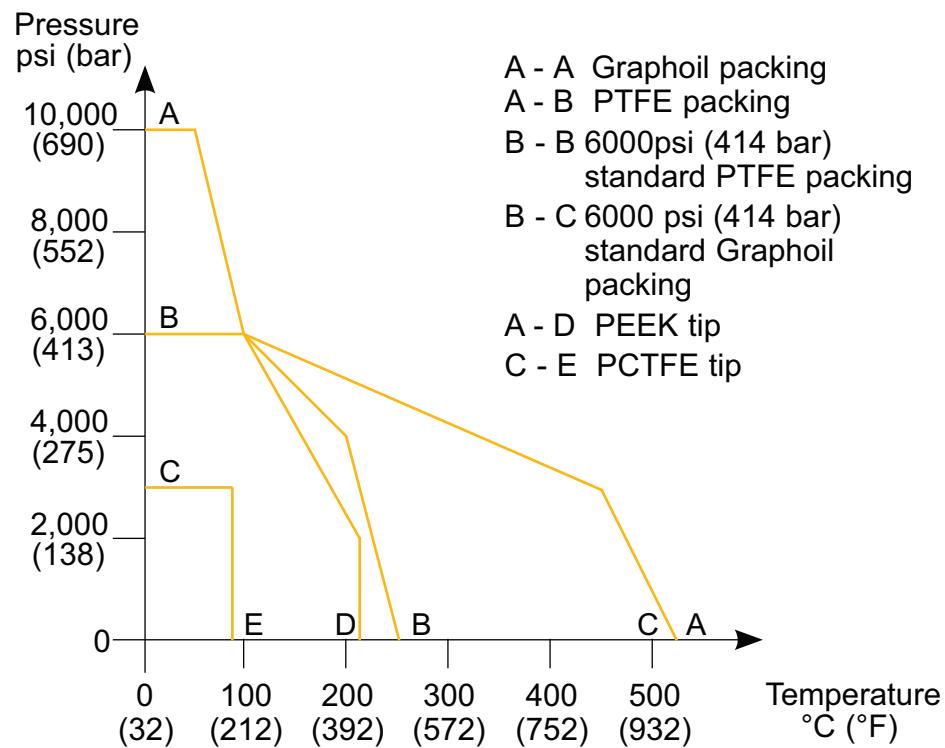


Material of Construction
Hard Seat

Sr. No.	Part
1.	Body
2.	Gland Body
3.	Gland Retainer
4.	Washer
5.	Packing
6.	Packing Washer
7.	Spindle
8.	Lock Nut
9.	Grub Screw
10.	Handle
11.	Lock Pin
12.	Dust Cap
13.	Tip

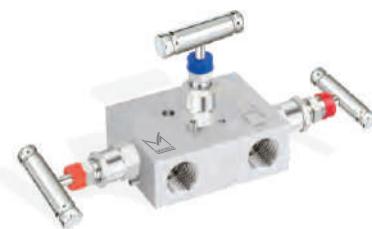


Pressure vs temperature

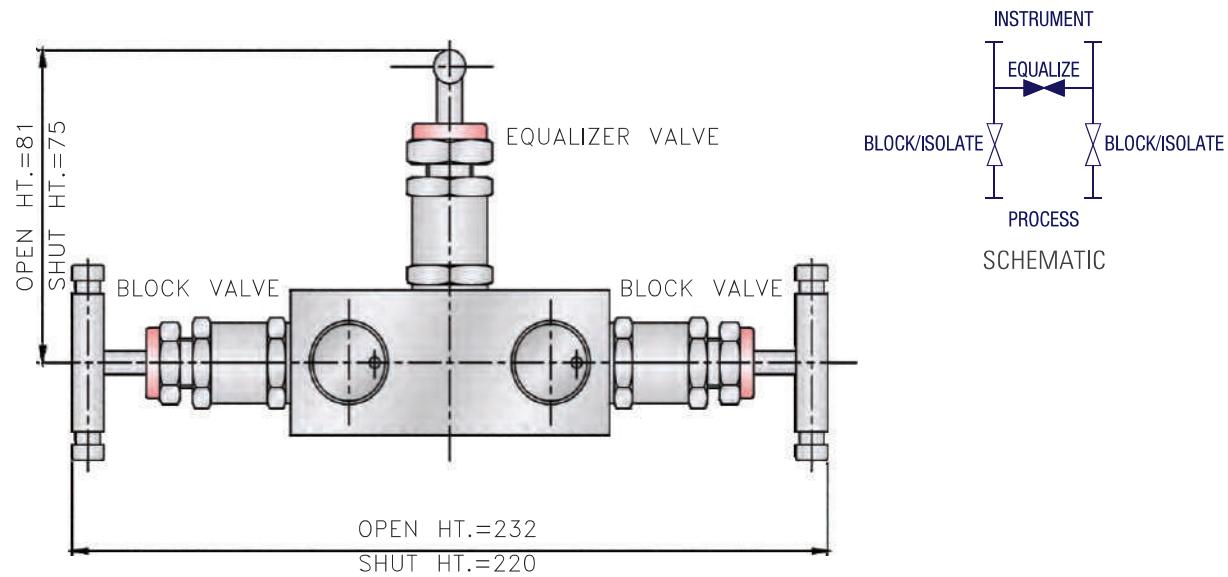


3 Valve manifolds-Pipe to Pipe MD3V1

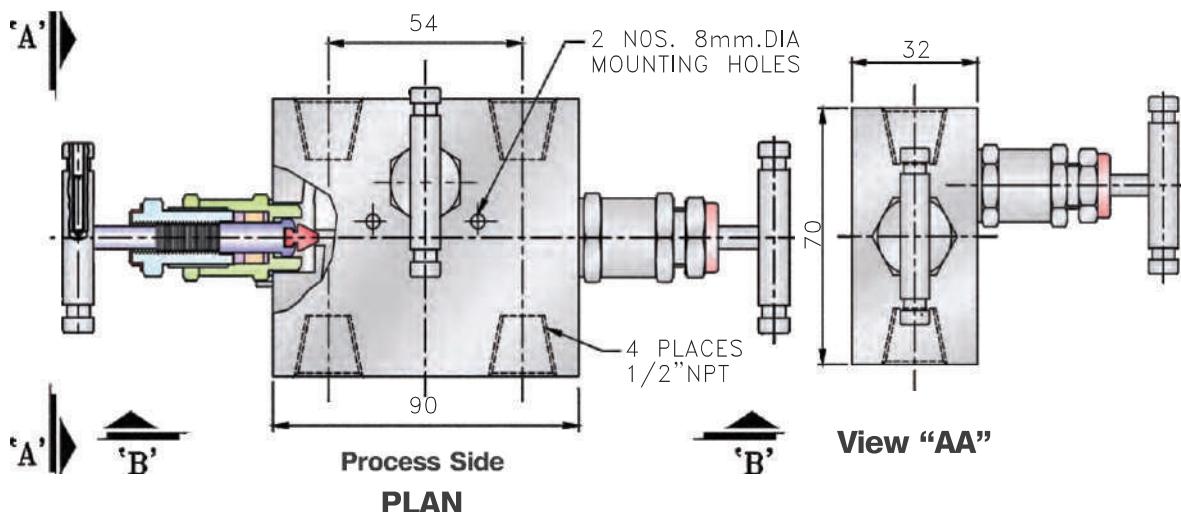
MADECO 3 Valve Manifold Pipe to Pipe design for connecting system impulse lines and transmitters. This valve consist of 1/2" NPT Female connections on 54mm (2-1/8") centers and one equalizer valve and two block valve



Dimensions

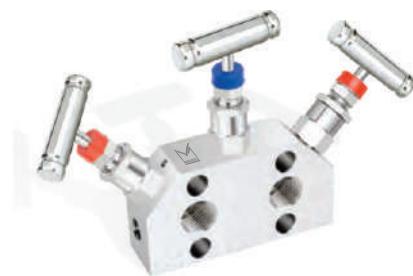


View "BB"

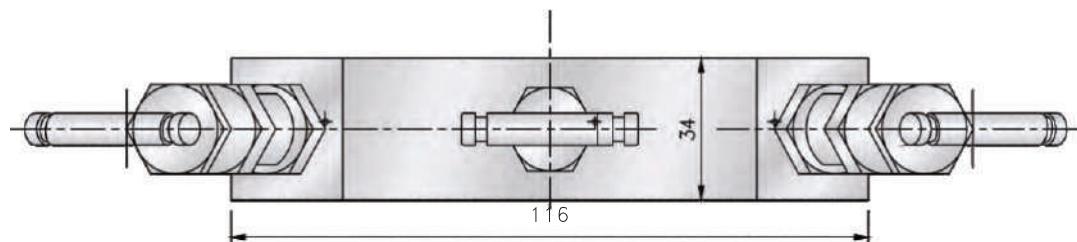


3 Valve manifolds - Direct Mount MD3V2

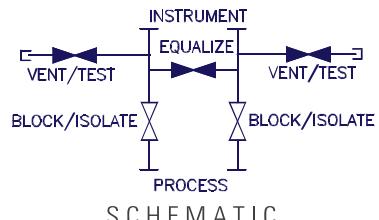
MADECO 3 Valve Manifold Pipe to Flange, base mount connection design for connecting system impulse lines and transmitters. This valve consist of 1/2" NPT female connections on 54mm (2-1/8") centers and of one equalizer valve and two block valves.



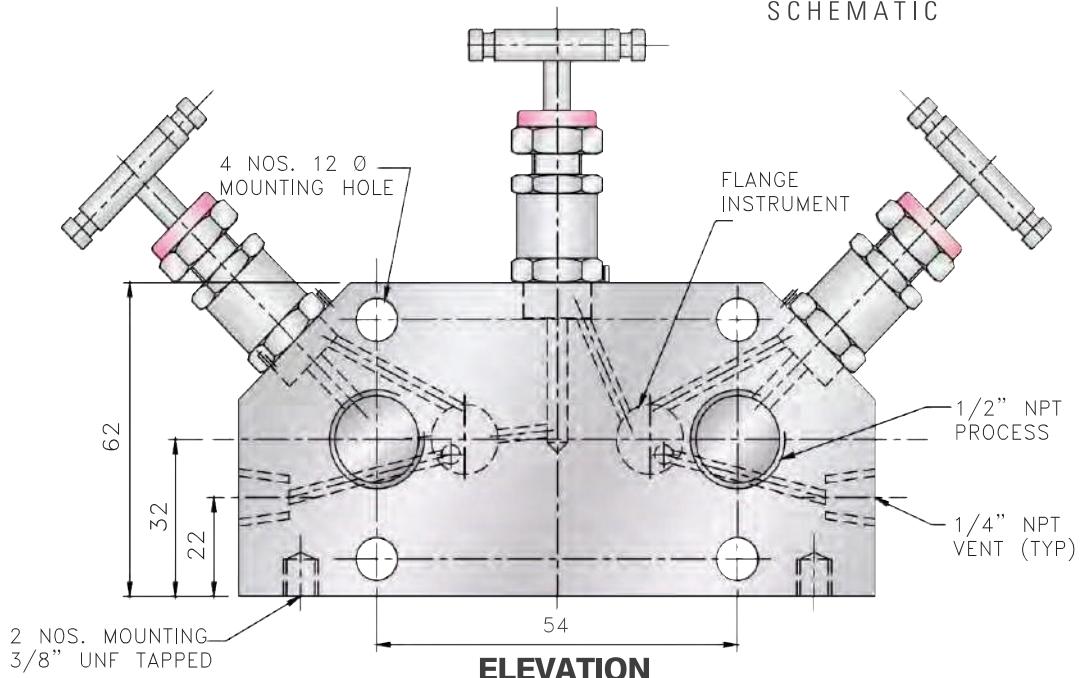
Dimensions



PLAN



SCHEMATIC

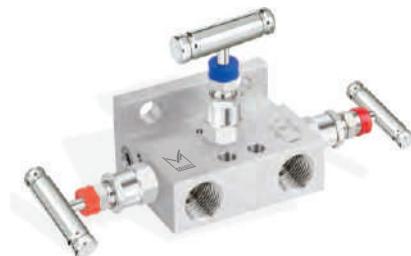


ELEVATION

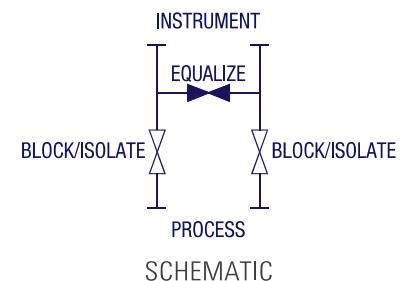
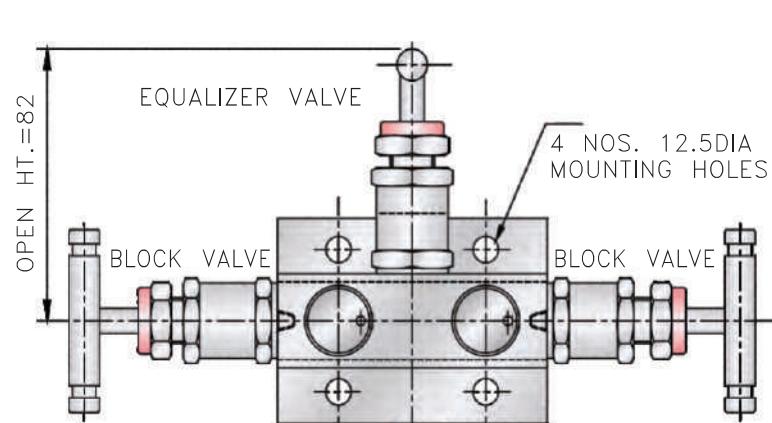


3 Valve manifolds Pipe to Flange MD3V3

MADECO 3 Valve Manifold Pipe to Flange design for connecting system impulse lines and transmitters. This valve consist of 1/2" NPT female connections on 54mm (2-1/8") centers and of one equalizer valve and two block valves. 1/4" NPT purge connections (2) optional

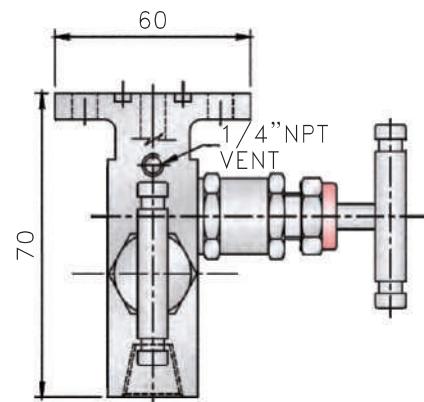
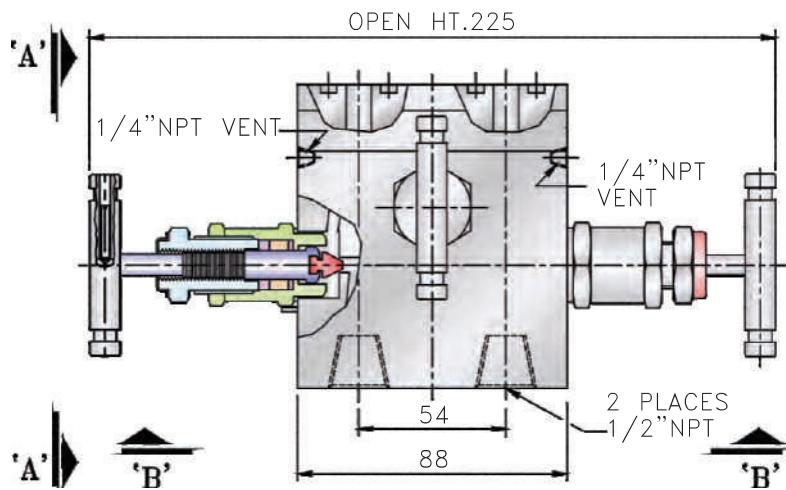


Dimensions



View "BB"

Instrument Side



View "AA"

Process Side

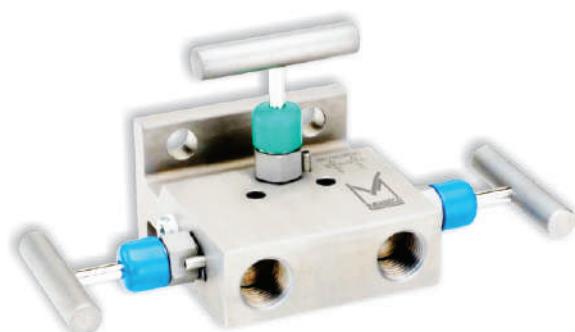
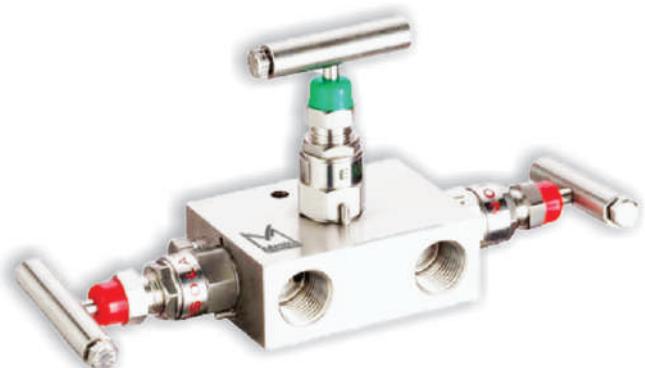
PLAN

**MD3V 3 Valve manifolds**

ORDERING CODE	Example:	MD3V	4	2	3	M	S
Valve Type							
1 - Pipe to pipe							
2 - Direct mount							
3 - Direct to flange							
4 - Side flange direct mount			4				
5 - flange to flange							
Process Connection Input							
1 - 1/4" male NPT							
2 - 1/4" female NPT				2			
3 - 1/2" male NPT							
4 - 1/2" female NPT							
5 - 1/4" female G							
6 - 1/4" male G							
7 - 1/2" female G							
8 - 1/2" male G							
9 - Flange (size and class shall be specified by customer)							
10 - Direct mount (size of seat oring shall be specified by customer)							
11 - Customer							
Instrument connection							
1 - 1/4" male NPT							
2 - 1/4" female NPT							
3 - 1/2" male NPT					3		
4 - 1/2" female NPT							
5 - 1/4" female G							
6 - 1/4" male G							
7 - 1/2" female G							
8 - 1/2" male G							
9 - Flange (size and class shall be specified by customer)							
10 - Direct mount (size of seat oring shall be specified by customer)							
11 - Customer							
Body Material							
S - Stainless steel 304							
F - Stainless steel316 L							
M - Monel 400						M	
H - Hastelloy							
T - Titanium							
L - Tantalum							
I - Inconel 600							
C - Customer							
Trim and Seat Material							
S - Stainless steel 304							S
F - Stainless steel316 L							
M - Monel 400							
H - Hastelloy							
T - Titanium							
L - Tantalum							
I - Inconel 600							
C - Customer							

MD3V 3 Valve manifolds

ORDERING CODE	Example:	MD3V	G	2	OT	Note
Sealing Ring Embedded						
P - PTFE (260°C)						
G - Graphoil (538°C)			G			
Pressure Rating						
1 - 6000 psi						
2 - 10000 psi				2		
Option						
OT - Helium leak test					OT	
OC - Calibration test certificate						
OM - Material test certificate						
OX - Cleaning for oxygen service						
ON - NACE MR 0175/MR 0103						
TA - TAB plate						
LK - T-bar handle locking						
WA - One year guarantee						
Other						





Address: 7191 Yonge street, Toronto, Canada

Tel: +16472221281(5 line)

Web: www.madecotech.com

Email: Info@madecotech.com